Geography: European by nature

90 min from Paris by train
**Key numbers**

**INITIAL EDUCATION**
- 57,000 Students
- 16% international students

**BUDGET**
- 582 million €

**HUMAN RESOURCES**
- 3,860 Faculty
- 3,000 Technical & Admin Staff

**FACILITIES**
- 53 locations in Lorraine
- 900,000 m² for 262 buildings

**RESEARCH**
- 61 laboratories
- 155 patent families
- 1,800 PhD students
- 12% international joint PhDs
- 1/3 of scientific publications are co-written with foreign scientists

**ABOUT THE UNIVERSITY**
- About 12,000 students involved in entrepreneurship programs
- About 12,000 students involved in entrepreneurship programs
Main partners in the region

* MESR: Ministry of Higher Education and Research
Main education areas

- Science and Technology
- Schools of Engineering (graduate)
- Undergraduates in Technology

- Health, Pharmacy, Odontology, Sport
- Law, Economy, Management

- Humanities and Social Sciences
- Arts, Literature, Languages

- Teacher training, Adult training
Bachelor – Master – Doctorate

EDUCATIONAL SYSTEM

Bachelor degree (licence)
L1 L2 L3

University degree in technology (Dut)

Polytechnic preparatory cycle (Cpp)

Integrated preparations (Cpge)

Undergraduate, Preparatory, University degrees, etc.

Common foundation year for all health studies (Paces)

Pharmacist
Doctor
Dentist
Midwife

Speech therapist
Orthoptist / Hearing-aid specialist

Professional degree (LP)

Engineer

Master M1 M2

Doctorate (PhD, doctorat)
Student mobility

International students

8 500 International students from 137 countries (1/4 European, 1/2 from French speaking countries)
900 International PhD Students
A complete offer in lifelong learning

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 000</td>
<td>Trainees each year</td>
</tr>
<tr>
<td>1 700</td>
<td>Lifelong learning diplomas</td>
</tr>
<tr>
<td>9 M€</td>
<td>Budget</td>
</tr>
<tr>
<td>1 000</td>
<td>Job seekers</td>
</tr>
<tr>
<td>500</td>
<td>Short internships</td>
</tr>
<tr>
<td>150</td>
<td>E-learning modules</td>
</tr>
<tr>
<td>100</td>
<td>Candidates to Validation of Professional Experience</td>
</tr>
</tbody>
</table>

Innovative tools:
- Personalized Pedagogic Workshops
- Skills assessment center
- Transfer and Innovation Workshops for SMEs
- ISO 9001 service
Learn to design, learn to combine
Learn to take risks
Learn to use networks

- First entrepreneurial university in France (2015-2016)
- Students informed (+20,000 through social networks)
- Student entrepreneurs / year
- Created activities (2015-2016)
- Specific methods
Research: 10 Scientific areas & 61 research centers

- Agronomy, food, forest (A2F)
- Geosciences (OTELo)

- Biology, medicine, health (BMS)
- Chemistry and molecular physics (CPM)

- Energy, mechanics, process, products (EMPP)
- Matter, materials, metallurgy, mechanics (M4)

- Computer science, automation, control, electronics, mathematics (AM2I)

- Knowledge, language, communication, societies (CLCS)
- Law and economy sciences, politics, management (SJPEG)
- Time, spaces, literature, languages (TELL)

3 labs of excellence: Rare Metals, Lightweight Materials, Tree & Wood
570 international scientists / year
2/3 are PhD students
Education to and through research

Diplomas: Master, PhD (- Habilitation)

In a Doctoral School
- Scientific training

and a Research Group
- Methodological, interdisciplinary education, preparation to professional activities

<table>
<thead>
<tr>
<th>8 DOCTORAL SCHOOLS (Ecoles Doctorales)</th>
<th>PhD studs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOSE (Biology, Health, Environment)</td>
<td>163</td>
</tr>
<tr>
<td>EMMA (Energy, Mechanics, Materials)</td>
<td>226</td>
</tr>
<tr>
<td>SESAMES (Molecular Chemistry and Physics)</td>
<td>85</td>
</tr>
<tr>
<td>IAEM (Computer science, automation, control, electronics, mathematics)</td>
<td>296</td>
</tr>
<tr>
<td>RP2E (Resources, Process, Products, Environment)</td>
<td>417</td>
</tr>
<tr>
<td>FERNAND BRAUDEL (Texts, Media, History)</td>
<td>259</td>
</tr>
<tr>
<td>SJPEG (Law and economy sciences, politics, management)</td>
<td>204</td>
</tr>
<tr>
<td>STANISLAS (Language, Time, Society)</td>
<td>187</td>
</tr>
</tbody>
</table>

12 % of joint PhDs out of 1800 PhD candidates
Ambition: Build a model for a multidisciplinary, technological and entrepreneurial university
Ambition and trajectory

- Complete value chain for materials
- Sustainable management of natural resources and environment
- Energies for the future

Compact governance

- Research contracts with industry: +50%
- 50 new startups

2015

2020

2023

International MSc: +30%
Graduated PhDs: +100 / year
Top 1% publications : +200%

2025

Shanghai Engineering : Top 100

- Trust in the digital world
- Personalized medicine & engineering for health / ageing
- Knowledge engineering
Université de Lorraine and the regional innovation ecosystem

SATT Grand Est
Sport at Université de Lorraine

More than 70 activities – from beginner to expert level
Living in Metz or Nancy

• Accommodation & cost of living about 650 € per month
• Close to Paris by TGV train (1:30)
• Close to Luxembourg, Germany, Netherlands, Belgium, Italy, Switzerland, Czech Republic….
• Student cities: about 40 000 students for about 300 000 inhabitants in Greater Nancy and about 15 000 students for about 122 000 inhabitants in Greater Metz
Living in Nancy

STUDENT LIFE

Page 18
Living in Metz
A European network of universities

- 3 primary areas:
  - Biomedicine
  - Materials science and rational use of resources
  - Studies of border areas

4 countries
5 regions
6 universities
3 languages
123,000 Students
6,000 academic & admin. staff
International cooperation

Our ambition:

– Establish a network of partner universities with similar profiles

– Objectives:
  • double diplomas and joint programs
  • mutual recognition and validation of courses
  • joint labs, joint research projects
  • joint PhD, joint publications

– Strategic partnerships at the University level
Thank you for your attention